

# Recycled Product Fact Sheet #9

## RETREAD TIRES

### Massachusetts Operational Services Division



**STATE CONTRACT #VEH21**

**Expiration Date: 10/31/2004**

#### HOW DO I USE THE CONTRACT?

You can use the contract in several ways:

- Send in your own casings to be retread
- Buy retreads on casings provided by the retreader
- Send your retreadable casings to a retreader and receive a credit towards future purchases.

#### WHO'S USING RETREADS?

Nationwide, 22 states and five major city governments have established successful retread contracts. Companies with major fleets, such as U.S. Postal Service, Federal Express, Consolidated Freightways and Ryder Distribution, widely use retreading services.

In Massachusetts, numerous businesses have been using retreads in their tire management programs, including Waste Management, Boston Sand & Gravel, Plymouth Rock Transit and Bradlees. Municipalities, such as the Town of Natick, also have established successful retread tire programs.

##### **Browning Ferris Industries, Inc.**

*Jeff Rouso, Maintenance Manager, 978-649-9092*

**“We** use retreads on rear axles. The recaps are very reliable, and you can get as much – if not more – wear out of them.”

##### **Brockton Area Transit**

*Rick Petit, Director of Maintenance, 508-588-1000*

**“We** use retreads on buses and vans. We put new tires on the front and when those wear out we recap them. A retread is about half the price of a new tire, so we get our wear and save money.”

##### **Town of Natick**

*George Russell, DPW Supervisor, 508-647-6550*

**“T**ire retreading has been part of our comprehensive tire management program for years. Each casing can be retread four to five times. Besides the environmental benefits, we accrue significant savings.”

##### **Awarded Contractors**

###### **Pete's Tire Barns, Inc. (Satewide Award)**

*Derek Zanga (978) 544-8811*

**Vendor Code: 0424857170002**

###### **Sullivan Tire Co., Inc. (Region 3 - Eastern MA)**

*John Donovan (781) 871-8770*

#### FACTS, FEATURES & BENEFITS

##### ***What is retreading?***

- Retreading is the application of new tread on a used tire casing.
- The worn tread is buffed away and a new tread is bonded to the tire body in a process similar to the manufacture of a new tire.
- New treads are factory molded and bonded to the casing using a flexible curing envelope. The molding process uses uniform heat and pressure, which assures dense, consistent tread and reliable performance.

##### ***Why Buy Retreads?***

- Retreads usually cost between 30% and 50% less than comparable new tires, saving those who use them thousands of dollars annually (see Sample Cost Comparison).
- Retreading diverts millions of scrap tires from landfills.
- 75% of the resources used to make a tire is in the casing, therefore retreading saves energy and resources. For example, 22 gallons of oil is used to produce a new tire, most of it for the casing. Only seven gallons is needed to make a retread.
- Retreading eliminates costly tire disposal fees.

##### ***Additional Services***

Vendors on the contract provide a number of additional services, including:

- Tire mount /dismount and balance;
- Pick up and disposal of small quantities of tires;
- Training programs on retreading and tire maintenance;
- Fleet surveys;
- Tire evaluation comparisons;
- Fleet performance studies;
- Fleet maintenance and remedial action recommendations;
- Comprehensive tire management programs.

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